

October 12, 2018

Heath Ward, Executive Director Springdale Water Utilities P.O. Box 769 Springdale, AR 72756

RE: Springdale POTW Inspection AFIN: 72-00003 Permit No.: AR0022063

Dear Mr. Ward:

On September 20, 2018, I performed a Collection System/SSO Inspection of the above referenced facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. A copy of the inspection report is enclosed for your records.

Please refer to the "Summary of Findings" section of the attached inspection report and provide a written response for each violation that was noted. This response should be mailed to the attention of the Office of Water Quality Compliance Branch at the address at the bottom of this letter or e-mailed to <u>Water-Inspection-Report@adeq.state.ar.us</u>. This response should contain documentation describing the course of action taken to correct each item noted. This corrective action should be completed as soon as possible, and the written response with all necessary documentation (i.e. photos) is due by **October 30, 2018**.

If I can be of any assistance, please contact me at <u>grimesg@adeq.state.ar.us</u> or 479-267-0811.

Sincerely,

Jane Gumes

Garrett Grimes District 1 Field Inspector Office of Water Quality

<u>ADEQ</u>		OFFICE OF WATER QUALITY INSPECTION REPORT					
		AF	AFIN: 72-00003 PERMIT #: AR002206		063		DATE: 9/20/2018
A	R K A N S A S partment of Environmental Quality	СС	OUNTY: 72 Wash	ington	PDS #	#: 104915	MEDIA: WN
DCI		GF	S LAT: 36.21119	6 LONG: -94.160	504 L	OCATION: E	Entrance
	FACILITY INFORMAT	ION		INS	SPEC	<b>FION INFOR</b>	MATION
NAME: Springdale POTW LOCATION:			FACILITY TYPE:INSPECTOR ID#:1 - Municipal104111 S - State				
29 <sup>.</sup>	10 Silent Grove Road			FACILITY EVALUATION RATING 4 - Satisfactory	:		ION TYPE: /Collection System
ागः Springdale					RY TIME:	EXIT TIME: 16:35	PERMIT EFFECTIVE DATE: 4/1/2004
	RESPONSIBLE OFFIC	CIAL	-				4/ 1/2004 PERMIT EXPIRATION DATE:
	ath Ward / Executive Director						3/31/2009
COM	PANY:			FAYETTEVILLE SHALE RELATED: N			
	ringdale Water Utilities			FAYETTEVILLE	SHAL	E VIOLATIO	NS: <b>N</b>
	D. Box 769					ION PARTI	CIPANTS
Sp	state, zip: ringdale AR 72756 ne & ext: / fax:			NAME/TITLE/PHONE/FAX/EMAIL/ETC.: John Selby, Tech Services Manager, Springdale Water Utilities;			
	9-751-5751 /			Shawn Dorman, Dist. Director, Springdale Water			
EMAI	⊔ hillips@springdalewater.com			Utilities;			
	NTACTED DURING INSPECTION	No		Garrett Grimes, District 1 Inspector, ADEQ			
	(S=S	atisfac	AREA EVA tory, M=Marginal, U=Unsati	LUATIONS isfactory, N=Not Applicable/I	Evaluated	)	
**	PERMIT	**	FLOW MEASUR		**	STORMW	ATER
**	RECORDS/REPORTS	**	LABORATORY		**		SITE REVIEW
**	OPERATION & MAINTENANCE	**		CEIVING WATER	**		
**	SAMPLING	**	SLUDGE HAND	LING/DISPOSAL	**	PRETREA	TMENT
	OTHER:		SUMMARY C				
Th	e following violation was noted d	urin					
	• The north wet well at the Ro				nount	s of grease	and solids (Photo
				-		-	-
#1). This is a violation of Part II, Section B.1.a of the permit. Mr. Selby and Mr. Dorman stated that this lift station is cleaned several times a year to remove grease build-up.							
GENERAL COMMENTS							
INSPECTOR'S SIGNATURE: And Auna Garrett Grimes DATE: 10/10/2018				DATE: <b>10/10/2018</b>			
ci	SUPERVISOR'S SIGNATURE: Jason Bolenbaugh DATE: 10/11/2018						
30	SUPERVISOR'S SIGNATURE:       Jason Bolenbaugh       DATE: 10/11/2018						

Inspection Report: Springdale POTW, AFIN: 72-00003, Permit #: AR0022063			
COLLECTION SYSTEM INSPECTION AND OVERALL RAT	ING	ØS OM OU ONA ONE	
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: Gravity and force main system ranges from 4" to			
36" diameter pipelines servicing Springdale, Lowell, and Johr POPULATION SERVED/NUMBER OF RESIDENTIAL AND (		Connections 20.000	
		5. Connections ~30,000	
LENGTH OF SEWER SYSTEM: <u>380 miles of gravity and 2</u>	27 miles of forced main		
AGE OF SYSTEM: Installed in 1947			
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING I (EXPLAIN): I & I	DRY OR WET WEATHER	ØY ON ONA ONE	
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS	TO ADEQ (DESCRIBE):		
Tim Hawkins reports to ADEQ			
ARE ALL SSOs REPORTED REGARDLESS OF SIZE:			
HAVE SSOs REACHED "WATERS OF THE STATE" (LIST D EACH): None noted in overflow reports over past year, b		TY ØN ⊡NA ⊡NE	
<u>a discharge into a storm drain.</u>			
PUMP STATIONS		ØS OM OU ONA ONE	
NUMBER OF PUMP STATIONS IN SYSTEM: 30	NUMBER WITH BACKUP PC generators or hookups.	WER: All have either	
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITO		ually. Stations also have	
SCADA monitoring			
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: <u>Yes-Electronic</u>			
ADEQUATE INVENTORY OF SPARE PARTS: Yes – Updated yearly			
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): SCADA			
BRIEF SUMMARY OF EMERGENCY PROCEDURES: Backups and redundancy			
NUMBER OF PUMP STATIONS VISITED DURING INSPEC	TION (SEE ATTACHED CHEC	KLISTS FOR EACH): <b>2</b>	
SATELLITE SYSTEMS		⊠S ⊡M ⊡U ⊡NA ⊡NE	
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: <u>Yes - Lowell, Johnson, Elm</u> <u>Springs (Temporary)</u>			
TYPE(S) OF WASTE WATER RECEIVED: ZRESIDENTIAL ZOMMERCIAL ZINDUSTRIAL OTHER:			
BRIEFLY DESCRIBE THE SATELLITE SYSTEM: As of 2016 approximately half of the sewage from Johnson and			
two thirds of the flow from Lowell is collected via lines owned by Springdale Water Utilities for treatment. A temporary agreement is in place to provide relief to Elm Springs' treatment plant. A similar agreement was in			
place in 2016.	Springs' treatment plant. A s	imilar agreement was in	
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM: no	ne		
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM: Springdale Water			
Utilities			

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)			
GENERAL INFORMATION AND OVERALL EVALUATION		ØS OM OU ONA	
NAME AND/OR LOCATION OF PUMP STATION: Robinson			
TYPE(S) OF WASTE WATER RECEIVED: ØRESIDENTIAL		AL OTHER:	
NUMBER OF PUMPS: <u>5</u>	NUMBER OPERATIONAL: 4		
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		ØS OM OU ONA ONE	
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		DY 🗹 N 🗆 NA 🗆 NE	
GENERAL OPERATION AND MAINTENANCE		⊡S ⊠M ⊡U ⊡NA	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:	E OF UNRELATED	ØS OM OU ONA ONE	
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVE ACCESS AND/OR TAMPERING:		ØS OM OU ONA ONE	
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:	<i>.</i>	ØS OM OU ONA ONE	
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED:		ØS OM OU ONA ONE	
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQU DRIVESHAFTS, ETC.) :		ØS OM OU ONA ONE	
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CON GASES AND FUMES:	ØS OM OU ONA ONE		
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE:	ØS OM OU ONA ONE	
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	ØS OM OU ONA ONE	
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V north well	VET WELLS: Build-up in		
BACKUP POWER AND ALARMS		ØS 🗆 M🗆 U🗆 NA	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	ØS OM OU ONA ONE	
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT		ØS OM OU ONA ONE	
SCADA SYSTEM (LIST PARAMETERS MONITORED): <u>Hig</u> PLC, pump run, GPM, level	h Level, low level, pump fail,	ØY □N □NA □NE	

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)			
GENERAL INFORMATION AND OVERALL EVALUATION		ØS 🗆 M 🗇 U 🗆 NA	
NAME AND/OR LOCATION OF PUMP STATION: Springhill			
TYPE(S) OF WASTE WATER RECEIVED: ØRESIDENTIAL		AL DOTHER:	
NUMBER OF PUMPS: <u>2</u>	NUMBER OPERATIONAL: 2		
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE: 1	<u>5 hp</u>	⊠S ⊡M ⊡U ⊡NA ⊡NE	
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		⊡y Øn ⊡na ⊡ne	
GENERAL OPERATION AND MAINTENANCE		⊠S ⊡M ⊡U ⊡NA	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:		ØS OM OU ONA ONE	
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVE ACCESS AND/OR TAMPERING:		ØS OM OU ONA ONE	
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:		ØS □M □U □NA □NE	
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED:		ØS OM OU ONA ONE	
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQU DRIVESHAFTS, ETC.) :		ØS □M □U □NA □NE	
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CON GASES AND FUMES:	NDENSATION AND/OR	⊠S ⊡M ⊡U ⊡NA ⊡NE	
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE:	⊠S ⊡M ⊡U ⊡NA ⊡NE	
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	⊠S ⊡M ⊡U ⊡NA ⊡NE	
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	VET WELLS: Some grease	ØS OM OU ONA ONE	
BACKUP POWER AND ALARMS		⊠S ⊡M ⊡U ⊡NA	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP: <u>Hookup</u>	ØS OM OU ONA ONE	
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT I		ØS OM OU ONA ONE	
SCADA SYSTEM (LIST PARAMETERS MONITORED): <u>Hig</u> PLC, pump run, GPM, level	h Level, low level, pump fail,	ØY ON ONA ONE	

Office of Water Quality Photographic Evidence Sheet			
Location: Springdale POTW			
Photographer: Garrett Grimes, District 1 Inspector Date: 9/20/2018	Time:	16:22	
Witness:	Photo #	: 1	
Description: Robinson Lift Station wet well with grease build up and solids.			

<u>Tim</u>
Water-Inspection-Report
Grimes, Garrett; Heath
Response to Collection System Inspection Findings
Monday, October 29, 2018 9:34:54 AM
SWU ADEQ Letter of Response - 10-24-2018.pdf

Hello,

Please see the attached response to inspection findings reported on a letter dated October 12, 2018 of an inspection that took place on September 20, 2018. This letter is intended for the Office of Water Quality Compliance Branch. Please let me know if we need to provide any further information.

Thank you,

Tim Hawkins Technical Services Director Springdale Water Utilities P.O. Box 769 Springdale, AR 72765 (479) 751-5751

The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party, without a written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.



526 Oak Avenue P.O. Box 769 Springdale, Arkansas 72765-0769 (479) 751-5751

October 24, 2018

Arkansas Department of Environmental Quality Water Division Inspection Branch 5301 Northshore Drive North Little Rock, AR 72118-5317

Attn: Mr. Garrett Grimes

RE: Inspection Report: Springdale Collection System, AFIN: 72-00003, Permit #: AR0022063

Dear Mr. Grimes:

Springdale Water Utilities submits this letter in response to compliance inspection findings identified during the most recent inspection of the Springdale Collection System on 9/20/2018.

The following items identified in the report's summary of findings have been addressed:

1. The utility maintains a contract with Environmental Works, Inc. to perform regular lift station wet well cleaning. Wet well cleaning is performed on an as-needed basis as identified by field staff. The cleaning of this wet well was previously scheduled as field staff identified the need to clean the wet well prior to your inspection. Environmental Works, Inc. cleaned the wet well on 10/09/2018. Photos, taken on 10/23/2018, are attached to this letter that indicate the wet well was recently cleaned.

Please feel free to contact me at (479) 751-5751 if you have any questions or need additional information.

the thank Sincerely

Heath Ward Executive Director Springdale Water Utilities



526 Oak Avenue P.O. Box 769 Springdale, Arkansas 72765-0769 (479) 751-5751





November 15, 2018

Heath Ward, Executive Director Springdale Water Utilities P.O. Box 769 Springdale, AR 72756

RE: Adequate Response to Collection System/SSO Inspection AFIN: 72-00003 Permit No.: AR0022063

Dear Mr. Ward:

The Department has received your October 24, 2018, response to the Collection System/SSO inspection conducted on September 20, 2018. Your response adequately addresses the request in the Summary of Findings section of the report. Acceptance of this response by the Department does not preclude any future enforcement action deemed necessary at this site or any other site.

If I need further information concerning this matter, I will contact you. Thank you for your attention to this matter. If I can be any assistance please feel free to contact me at <u>grimesg@adeq.state.ar.us</u> or 479.267.0811 ext. 16.

Sincerely,

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Garrett Grimes District 1 Field Inspector Office of Water Quality



February 20, 2019

Heath Ward, Executive Director Springdale Water Utilities P.O. Box 769 Springdale, AR 72765

RE: Springdale POTW Compliance Evaluation Inspection AFIN: 72-00003 Permit No.: AR0022063

Dear Mr. Ward:

I have reviewed your January 24, 2019, response to my January 9, 2019, letter. However, the information provided does not sufficiently addresses the violations referenced in my inspection report. Please provide the following:

1. <u>Violation of Part II, Section B.1.a of the permit:</u> Your response states that the leaks noted in the CEI report have self-sealed. However, leaking is visible photos #1 and #3 of the response. Please schedule a repair of these leaking cracks and submit a timeline. In addition, please submit photographs after the repairs to the above mentioned cracks and expansion joint in train #1 are complete.

The above item requires your immediate attention. Please submit a written response to these items to the Office of Water Quality Compliance Branch of this Department. This response should be mailed to the address at the bottom of the first page of the letter or e-mailed to <u>Water-Inspection-report@adeq.state.ar.us</u>. This response is due by **March 10, 2019**.

Thank you for your attention to this matter. Should you have any questions, feel free to contact me at 479-267-0811, ext. 16 or you may e-mail me at <u>grimesg@adeq.state.ar.us</u>.

Sincerely,

₽<u>\_</u>\_\_\_\_

Garrett Grimes District 1 Field Inspector Office of Water Quality

From:	Jennifer Enos
To:	<u>Grimes, Garrett; Water-Inspection-Report</u>
Cc:	<u>Heath Ward; Brad Stewart; Loren Sharp; Tiffany Mallard; Shannon Bowen</u>
Subject:	Response to letter dated February 20, 2019 pursuant to CEI on September 20, 2018 - AR0022063, Springdale AR
Date:	Friday, March 08, 2019 9:50:56 AM

Garrett:

Attached is a copy of our response. The original will be sent via certified mail today.

Please do not hesitate to contact us if you need any further information.

Sincerely,

Jennifer Enos Wastewater Facilities Dir. Springdale Water Utilities 479-756-3657 jenos@springdalewater.com

[GQA logo] The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party, without a written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.



526 Oak Avenue P.O. Box 769 Springdale, Arkansas 72765-0769 479-751-5751

March 6, 2019

Garrett Grimes, District 1 Field Inspector ADEQ Office of Water Quality 5301 Northshore Drive North Little Rock, AR 72118-5317 Water-inspection-report@adeq.state.ar.us

RE: Springdale POTW Compliance Evaluation Inspection AFIN No. 72-0003 NPDES Permit No. AR0022063 Additional information request – 09/20/18 CEI

Dear Mr. Grimes:

Pursuant to your letter dated February 20, 2019, the following is Springdale Water Utilities timeline for repair of cracks observed during the CEI on September 20, 2018.

- Repair of minor cracks in walls of Process Trains 1 and 2 (which can be repaired from the outside
  of the basin): We are exploring a couple of products used by other utilities to see if they would be
  more effective than the produce used in the past. Repair of these cracks will be completed no
  later than May 1, 2019.
- Repair of leaking expansion joint (which must be repaired from the inside of the basin): Since this
  repair will require the draining and cleaning of the process train, it will have to be done during a
  period of dry weather. This ensures that the remaining 3 trains can handle wastewater entering
  the facility. Repair of the expansion joint will be completed no later than September 1, 2019,
  weather permitting. If the summer is unusually wet, we will contact you with a revised completion
  date for this repair.

Photographs of completed repairs will be sent to you as required by your letter.

If you have any further questions concerning the planned repairs, the timeline, or our facility maintenance program, or require additional information, please do not hesitate to contact me or Jennifer Enos, Springdale Wastewater Facilities Director.

Sincerely, . tilus int

Heath A. Ward Executive Director Springdale Water Utilities

JEE/jee Cc: JEE, file Attachments/enclosures

From:	JENNIFER ENOS < jeneenos@msn.com>
Sent:	Tuesday, August 27, 2019 2:23 PM
То:	Water-Inspection-Report
Cc:	hward@springdalewater.com; Jen Enos
Subject:	Springdale POTW CEI - AR 0022063, Afin 72-00003
Attachments:	Scannable Document on Aug 27, 2019 at 2_18_44 PM.pdf;
	ATT00001.txt

Mr. Grimes:

Attached is scan of letter and photos being mailed to you on this date.

Jennifer Enos Wastewater Facilitates Dir. Springdale Water Utilities 479-756-3657 Sent from my iPhone



526 Oak Avenue P.O. Box 769 Springdale, Arkansas 72765-0769 479-751-5751

August 21, 2019

Garrett Grimes, District 1 Field Inspector ADEQ Office of Water Quality 5301 Northshore Drive North Little Rock, AR 72118-5317 Water-Inspection-report@adeq.state.ar.us

RE: Springdale POTW Compliance Evaluation Inspection AFIN No. 72-00003 NPDES Permit No. AR0022063 Additional information request – 09/20/18 CEI

Dear Mr. Grimes:

Pursuant to your letter dated February 20, 2019, Springdale Water Utilities has completed repair of cracks and one expansion joint as observed by you during the CEI on September 20, 2018.

- Repair of minor cracks in walls of Process Trains 1 and 2 (repaired from the outside of the basin): These repairs were completed by staff in-house before the May 1, 2019 timeline in our letter dated March 6, 2019.
- Repair of leaking expansion joint (which must be repaired from the inside of the basin): This repair was completed by Roberts McNutt in July following the process train being drained and cleaned by SWU staff during a period of relatively dry weather. Repair of the expansion joint was therefore completed prior to the September 1, 2019 timeline given to you in the March 6, 2019 response letter.

Photographs of completed work follow this letter. They are attached in the same order (Photo #1 - 5) as in your Inspection report. Please note that the photo sent of the expansion joint repair is from the inside of the basin showing that the joint was completely redone.

If you have any further questions concerning the repairs, the timeline, or our facility maintenance program, or require additional information, please do not hesitate to contact me or Jennifer Enos, Springdale Wastewater Facilities Director. You are also welcome to visit our facility at any time to inspect the repairs yourself as photographs do not do justice to the considerable work that was done to insure that there are no leaks

Sincerely, hatt a thank

Heath A. Ward Executive Director Springdale Water Utilities

JEE/jee Cc: JEE, file Attachments/enclosures









